

WHAT IS CLAIMED IS:

1. A light conductive member comprising a light entrance face in a part of a lateral face of a rod-shaped translucent member; an area on a side opposed to said light entrance face, for reflecting and/or
5 diffusing an entering light beam into the longitudinal direction of said rod-shaped translucent member; and an exit face in at least a part of a lateral face other than the lateral faces on which said area and said
10 light entrance face are formed, for emitting at least a part of said reflected and/or diffused light beam.

2. A light conductive member according to claim 1, further comprising a second area, on a side opposed to said exit face, for further reflecting and/or
15 diffusing the light beam reflected and/or diffused by the first-mentioned area.

3. A light conductive member according to claim 1, wherein the cross sectional area of said rod-shaped translucent member is made progressively smaller, in comparison with that at said light entrance face, toward the ends along the longitudinal direction.

4. An illuminating device comprising a light
25 conductive member according to claim 1, 2 or 3 and a light source for irradiating the light entrance face of

said light conductive member with light.

5. An illuminating device according to claim 4,
wherein said light source is an LED.

5

6. An illuminating device according to claim 4,
wherein said light source is composed of plural light-
emitting members with mutually different light emission
wavelength ranges.

10

7. An information processing apparatus adapted to
illuminate an original with the illuminating device
according to claim 4, 5 or 6 and to effect
photoelectric conversion on the obtained reflected
light.

15

8. A light conductive member comprising a light
entrance area provided in at least a part of a first
side which is a longitudinal lateral face of a rod-
shaped translucent member; an area provided on a second
side opposed to said light entrance area, for
principally reflecting and/or diffusing the light,
entering said translucent member, within said
translucent member but at least outside said light
entrance unit; a light reflecting or diffusing area
provided in a third side which is different from said
first and second side; and a fourth area opposed to

20

25

said third side, for emitting the light to the outside of said translucent member.

5 9. A light conductive member according to claim 8, wherein said reflecting or diffusing area on the second side is angled with respect to said light entrance unit.

10 10. A light conductive member according to claim 9, wherein said reflecting or diffusing area on the second side has symmetrical angles with respect to said light entrance unit.

15 11. A light conductive member according to claim 8, wherein said light entrance unit is provided on a protruding portion.

20 12. A light conductive member according to claim 8, wherein said light entrance unit is provided at a central portion in said longitudinal direction.

25 13. An illuminating device comprising:
a light conductive member including a light entrance area provided in at least a part of a first side which is a longitudinal lateral face of a rod-shaped translucent member; an area provided on a second side opposed to said light entrance area, for

principally reflecting and/or diffusing the light,
entering said translucent member, within said
translucent member but at least outside said light
entrance unit; a light reflecting or diffusing are
5 provided in a third side which is different from said
first and second side; and a fourth area opposed to
said third side, for emitting the light to the outside
of said translucent member; and

10 a light source provided corresponding to said
light entrance unit.

14. An illuminating device according to claim 13,
wherein said reflecting or diffusing area on the second
side is angled with respect to said light entrance
15 unit.

15. An illuminating device according to claim 14,
wherein said reflecting or diffusing area on the second
side has symmetrical angles with respect to said light
20 entrance unit.

16. An illuminating device according to claim 13,
wherein said light entrance unit is provided on a
protruding portion.

25 17. An illuminating device according to claim 13,
wherein said light entrance unit is provided at a

central portion in said longitudinal direction.

18. An illuminating device according to claim 13,
wherein said light source includes an LED.

5

19. An illuminating device according to claim 13,
wherein said light source includes a plurality of
LED's.

10

20. An illuminating device according to claim 19,
wherein said plural LED's have a same light emission
wavelength.

15

21. An illuminating device according to claim 19,
wherein said plural LED's have different light emission
wavelengths.

22. An information processing apparatus
comprising:

20

a) a photoelectric conversion device including a
plurality of photoelectric conversion elements provided
in opposed relationship to an image to be read;

b) an illuminating device for illuminating said
image; said illuminating device including:

25

a light conductive member including a light
entrance area provided in at least a part of a first
side which is a longitudinal lateral face of a rod-

shaped translucent member; an area provided on a second side opposed to said light entrance area, for principally reflecting and/or diffusing the light, entering said translucent member, within said translucent member but at least outside said light entrance unit; a light reflecting or diffusing area provided in a third side which is different from said first and second side; and a fourth area opposed to said third side, for emitting the light to the outside of said translucent member; and

a light source provided corresponding to said light entrance unit;

c) an output unit for recording an image on a sheet by electrical signals corresponding to image information; and

d) a controller for controlling said photoelectric conversion device, said light source, and said output unit.

23. An information processing apparatus according to claim 22, further comprising transporting means for transporting said original image.

24. An information processing apparatus according to claim 22, wherein said reflecting or diffusing area on the second side is angled with respect to said light entrance unit.

5

10

15

20

25

31. An information processing apparatus according to claim 29, wherein said plural LED's have different

light emission wavelengths.

32. An information processing apparatus according to claim 22, wherein said output unit includes at least
5 either of an ink jet recording head and a thermal recording head.

33. An information processing apparatus according to claim 32, wherein said ink jet recording head
10 includes an electrothermal conversion element for generating thermal energy, for forming a bubble for discharging ink from said ink jet recording head.

34. An information processing apparatus according to claim 32, further comprising recovery means for
15 recovering said ink jet recording head from defective ink discharge and/or cleaning means for cleaning said ink jet recording head.

35. An information processing apparatus according to claim 22, further comprising communication means
20 controlled by said controller.

36. An information processing apparatus according to claim 34, wherein said recovery means includes
25 capping means.

37. An information processing apparatus according to claim 36, wherein said capping means includes an ink absorbent member.

5 38. An information processing apparatus according to claim 34, wherein said cleaning means is a cleaning blade.

10 39. An information processing apparatus according to claim 22, further comprising a heater for heating a transported recording sheet.

15 40. An information processing apparatus according to claim 32, wherein said ink jet recording head is a full-line head.

20 41. A light conductive member according to claim 8, wherein said fourth side has a shape adapted for condensing the light.

 42. An illuminating device according to claim 13, wherein said fourth side has a shape adapted for condensing the light.

25 43. An information processing apparatus according to claim 22, wherein said fourth side has a shape adapted for condensing the light.

66290-62460

Add 7
 Add 2
 Add C27
 Add D47
 Add F2